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DERWENT-WEEK: 200063

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TITLE: Telecommunication control apparatus for data transfer

has information adder which outputs message data containing communication attribute identification number and attribute description information

PATENT-ASSIGNEE: MITSUBISHI ELECTRIC CORP[MITQ]

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PATENT-FAMILY:

PUB-NO MAIN-IPC	PUB-DATE	LANGUAGE	PAGES
JP 2000270043 A H04L 029/14	September 29, 2000	N/A	010

APPLICATION-DATA:

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ABSTRACTED-PUB-NO: JP2000270043A

BASIC-ABSTRACT:

NOVELTY - An information adder (16) outputs message data

containing a communication attribute identification number and communication attribute description information. The communication attribute description information are extracted from communication attribute information management table (14,15) and matched to the communication attribute identification number.

**DETAILED DESCRIPTION** - The communication attribute information number are stored to a communication trace memory (12) for predetermined communication performed between a computer (2) and a communication circuit (3). The communication attribute information management table associate the communication attribute description information for making simple understanding of the content of communication attribute identified by the communication attribute identification number. The communication attribute identification number is provided in order to identify each communication attribute, such as a communication situation and a data classification, planned by communication between the computer and the communication circuit.

**USE** - For data transfer.

**ADVANTAGE** - Controls transfer of data transmitted via the communication circuit. Communication failure is effectively and easily analyzed. Outputs communication log information effectively and reliably since elimination of communication log information by superscription is prevented. Operation of

telecommunication control apparatus is effectively monitored in real time.

**DESCRIPTION OF DRAWING(S)** - The figure shows the block diagram of the telecommunication control apparatus.

Computer 2

Communication circuit 3

Communication trace memory 12

Communication attribute information management table 14,15

Information adder 16

**CHOSEN-DRAWING:** Dwg.1/7

**TITLE-TERMS:** TELECOMMUNICATION CONTROL APPARATUS  
DATA TRANSFER INFORMATION  
ADDER OUTPUT MESSAGE DATA CONTAIN  
COMMUNICATE ATTRIBUTE IDENTIFY  
NUMBER ATTRIBUTE DESCRIBE INFORMATION

**DERWENT-CLASS:** T01 W01

**EPI-CODES:** T01-H07C; T01-J08C; W01-A01C; W01-A06A1;  
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